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In re Application of

Application Number

09/256,388

Filed

2/24/99

Paper No.

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I hereby request access under 37 CFR 1.14(a)(1)(iv) to the application file record of the above-identified ABANDONED application, which is identified in, or to which a benefit is claimed, in the following document (as shown in the attachment):

United States Patent Application Publication No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_

United States Patent Number 6,537,549, column \_\_\_\_\_, line \_\_\_\_\_, or

WIPO Pub. No. \_\_\_\_\_, page \_\_\_\_\_, line \_\_\_\_\_

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703-415-0100

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US006537549B2

(12) **United States Patent**  
**Tobinick**

(10) Patent No.: **US 6,537,549 B2**  
(45) Date of Patent: **\*Mar. 25, 2003**

(54) **CYTOKINE ANTAGONISTS FOR THE  
TREATMENT OF LOCALIZED DISORDERS**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-  
claimer.

(21) Appl. No.: **09/841,844**

(22) Filed: **Apr. 25, 2001**

(65) **Prior Publication Data**

US 2001/0026801 A1 Oct. 4, 2001

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/826,976, filed on  
Apr. 5, 2001, now Pat. No. 6,419,944, which is a continu-  
ation-in-part of application No. 09/563,651, filed on May 2,  
2000, now Pat. No. 6,471,961, which is a continuation-in-  
part of application No. 09/476,643, filed on Dec. 31, 1999,  
now Pat. No. 6,177,077, which is a continuation-in-part of  
application No. 09/275,070, filed on Mar. 23, 1999, now Pat.  
No. 6,015,557, which is a continuation-in-part of application  
No. 09/256,388, filed on Feb. 24, 1999, now abandoned.

(51) Int. Cl.<sup>7</sup> ..... **A61K 39/42**

(52) U.S. Cl. .... 424/134.1; 424/400; 424/422;  
424/427; 424/434; 574/362; 574/363; 574/364

(58) Field of Search ..... 424/400, 134.1,  
424/422, 434, 427; 514/362, 363, 364

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(57) **ABSTRACT**

Cytokine antagonists for use in localized clinical disorders  
are provided for the treatment and prevention of damage to  
the optic nerve, other cranial nerves, spinal cord, nerve  
roots, peripheral nerves or muscles caused by any one of the  
following: a herniated nucleus pulposus, osteoarthritis, other  
forms of arthritis, disorders of bone, disease, or trauma. The  
cytokine antagonists are used to treat these disorders by  
local administration. These cytokine antagonists include  
antagonists to tumor necrosis factor.

**33 Claims, No Drawings**